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**PATENT SPECIFICATION**



Application Date: Jan. 7, 1937. No. 458/37.

481,824

Complete Specification Left: Dec. 4, 1937.

Complete Specification Accepted: March 18, 1938. ✓

**PROVISIONAL SPECIFICATION**

**Improvements in Mops and the like**

We, BRIGGS EMMOTT & COMPANY LIMITED, of 45 to 47, Oldfield Road, City of Salford, a British Company, WILLIAM BANHAM, Director with the said Company, 5 and GEORGE BERNARD NEAL, Director with the said Company, both British Subjects, do hereby declare the nature of this invention to be as follows:—

This invention relates to improvements 10 in mops for wet mopping, dusting, polishing and like purposes of the type in which mop material in the form of yarn, threads, or the like are stitched or otherwise secured to a textile foundation.

15 Mops of this type have been manufactured in a form to be applied to and surround the head of a brush or broom, a vacuum cleaner nozzle or the like, being provided around the edges of the foundation material with a cord, tape or the like by which they can be drawn into bag form and secured in position, and mops have also been made with the foundation material in the shape of a glove to fit on 20 the hand of the user.

The object of the present invention is a 25 mop which can be employed either over the head of a brush, broom and the like, on the hand of the user or on any suitable holder.

According to the invention a mitten or 30 glove shaped member, a pocket or a strip of cloth, elastic or tape is affixed either to the inside, to the outside or to both of the 35 mop to receive the hand of the person using it or a suitable holder when employed as a hand mop and with a tape, cord or the like around the outer edge of the foundation material by which it can 40 be formed into a bag shaped mop and secured to the head of a brush, broom or the like.

In one form of the invention a glove 45 either with or without separate finger stalls or a mitten is stitched or otherwise secured to the inside or outside of the foundation material.

In another form a strip of material is 50 stitched either to the inside or outside of the foundation material, such strip of material being formed into loops to receive the hand and thumb of the user or with loops for each separate finger,

In another form a single loop is formed on the inside of the mop the ends of the 55 material forming the loop being stitched to the inside of the foundation a sufficient distance apart to allow the whole of the hand of the user to be readily inserted between the loop and the foundation. 60

In another form the ends of the 65 material forming the loop are stitched as before to the foundation and the loop material is also stitched to the foundation to form two loops through one of which the thumb of the user can be inserted, the rest of the hand being inserted through the other.

In another form a strip of material is 70 stitched to the foundation at each end and intermediate rows of stitching are provided to form the finger and thumb stalls.

In another form the loop for the thumb 75 may be formed by a single stitching which secures the end of the loop material and a portion thereof some distance from the end to the foundation at the same point so producing a thumb loop in the form of 80 a tunnel secured to the foundation only at the point where the hand loop terminates.

In another form a piece of cloth of any 85 desired colour or shape either single or folded upon itself to form a pocket to receive either the hand of the user or a suitable holder when employed for purposes out of reach of the hand is secured to the foundation material.

In any or all of the construction 90 formed with two or more loops, each loop may be formed of a separate piece of material either stitched at two places to the foundation or formed with tubes each stitched at a single place thereto.

The yarn forming the mop material 95 may be of any form sewn in rows or otherwise secured to the underside of the foundation material and it may be cut to form single or multiple strands or may be 100 in looped form.

The foundation material may be of any 105 shape and a tape, cord, elastic or the like is inserted in a hem around the edge to enable it to be drawn up to form a bag shaped mop which can be readily placed

on the head of a brush or broom, a vacuum cleaner nozzle and the like.

The glove, mitten or pocket forming member may if desired be made from 5 waterproof or oilproof material.

Dated this 6th day of January, 1937.

J. OWDEN O'BRIEN & SON,

Late W. P. Thompson & Co.,

of Manchester,

Patent Agents.

## COMPLETE SPECIFICATION

### Improvements in Mops and the like

We, BRIGGS EMMOTT & COMPANY LIMITED, of 45 to 47, Oldfield Road, City of Salford, a British Company, WILLIAM BANHAM, Director with the said Company, 10 and GEORGE BERNARD NEAL, Director with the said Company, both British Subjects, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to improvements in mops for wet mopping, dusting, polishing and like purposes of the type in which 20 mop material in the form of yarn, threads, or the like is stitched or otherwise secured to a textile foundation.

Mops of this type have been manufactured in a form to be applied to and surround the head of a brush or broom, a 25 vacuum cleaner nozzle or the like being provided around the edges of the foundation material with a cord, tape or the like by which they can be drawn into bag form 30 and secured in position, and mops have also been made with the foundation material in the shape of a glove to fit on the hand of the user.

The object of the present invention is a 35 mop which can be employed either over the head of a brush, broom and the like or on the hand of the user or on any suitable holder.

According to the invention a mitten or 40 glove shaped member, a pocket or a strip of cloth, elastic or tape is affixed either to the inside, to the outside or to both of the mop to receive the hand of the person using it or a suitable holder when 45 employed as a hand mop and with a tape, cord or the like around the outer edge of the foundation material by which it can be formed into a bag shaped mop and secured to the head of a brush, broom, or 50 the like.

The invention will be described with reference to the accompanying drawings in which:—

Fig. 1 is a plan view of one form of the 55 mop before the tape, cord or elastic around the outer edge is drawn up to convert it into a mop of bag shape.

Fig. 2 is a plan view of the mop after

the tape, cord or elastic around the outer edge has been drawn up to convert it into a mop of bag shape.

Fig. 3 is a longitudinal section on line 3—3 Fig. 2.

Fig. 4 is a transverse section on line 4—4 Fig. 1.

Fig. 5 is a section on line 5—5 Fig. 2.

Fig. 6 is a perspective view showing the mop being placed over the head of a broom.

Fig. 7 is a perspective view showing the mop in use as a hand mop.

Fig. 8 is a plan view of another form of the mop before the tape, cord or elastic around its outer edge is drawn up to convert it into a mop of bag shape.

Fig. 9 is a section on line 9—9 Fig. 8.

Fig. 10 is a plan view of another form of the mop before the tape, cord or elastic around its outer edge is drawn up to convert it into a mop of bag shape.

Fig. 11 is a section on line 11—11 Fig. 10.

Fig. 12 is a plan view of another form of the mop before the tape, cord or elastic around its outer edge is drawn up to convert it into a mop of bag shape.

Fig. 13 is a section on line 13—13 Fig. 12.

Fig. 14 is a plan view of another form of the mop before the tape, cord or elastic around its outer edge is drawn up to convert it into a mop of bag shape.

Fig. 15 is a section on line 15—15 Fig. 14.

Fig. 16 is a plan view of another form of the mop before the tape, cord or elastic around its outer edge is drawn up to convert it into a mop of bag shape.

Fig. 17 is a section on line 17—17 Fig. 16.

Fig. 18 is a plan view of another form of the mop before the tape, cord or elastic around its outer edge is drawn up to convert it into a mop of bag shape.

Fig. 19 is a section on line 19—19 Fig. 18.

In all the forms of the invention the mop comprises a foundation A of textile material, preferably rectangular in shape, to one side of which the mop material A' 110 in the form of yarns, thread or the like

is stitched or otherwise secured, a tape, cord or the like *a* of elastic or non-elastic material being secured in a hem around the edge of the foundation material so that by drawing up the tape or cord *a* the mop will be converted into bag shape as shown in Figs. 2, 3, 5, 6 and 7.

In the form of the invention shown in Figs. 1 to 7, a strip of cloth *B* folded upon itself to form a pocket is stitched along its edges *b* to the foundation material *A* thus leaving one end *b<sup>1</sup>* open for the insertion of the hand of the user when the mop is employed as a hand mop.

In the form of the invention shown in Figs. 8 and 9 a glove *C* either without separate finger stalls as shown or with separate finger stalls is stitched along its edges *c* to the foundation material *A*. Instead of a glove a mitten may be stitched to the foundation material *A*.

In the form of the invention shown in Figs. 10 and 11 a single loop *D* is formed on the inside of the mop by stitching the two ends of a single strip of material to the inside of the foundation a sufficient distance apart to allow the whole of the hand of the user to be readily inserted between the loop and the foundation. The loop *D* may also be stitched at intervals, as shown in Fig. 11 to form separate loops *d* to receive the fingers of the user.

In the form of the invention shown in Figs. 12 and 13 a single strip of material *E* is stitched at each end to the foundation material *A* the material being formed with a number of small loops *e* to receive the fingers or some of the fingers of the user when the mop is being employed as a hand mop.

In the form of the invention shown in Figs. 14 and 15 two separate loops *F* and *F<sup>1</sup>*, one to receive the hand and the other the thumb of the user, are stitched along one edge *f* and *f<sup>1</sup>* respectively to the outside edges of the foundation material *A*. A similar construction is shown in Figs. 18 and 19 except that in the latter modification the length of the loop *F* for the hand is much longer than the loop *F<sup>1</sup>* for the thumb whilst in the former both loops are of the same length.

In the form of the invention shown in Figs. 16 and 17 a single narrow strip of material *G* is stitched at its two ends *g* to the foundation material *A* and is divided into two portions one for the hand and the other for the thumb of the user by an intermediate row of stitching *g<sup>1</sup>*.

In any or all of the forms of the invention constructed with two or more loops,

tubes each stitched at a single place thereto.

The yarn forming the mop material *A* may be of any form sewn in rows or otherwise secured to the underside of the foundation material and it may be cut to form single or multiple strands or may be in looped form.

The foundation material may be of any shape and a tape, cord, elastic or the like is inserted in a hem around the edge to enable it to be drawn up to form a bag shaped mop which can be readily placed on the head of a brush or broom, a vacuum cleaner nozzle and the like.

The glove, mitten or pocket forming member may if desired be made from waterproof or oilproof material.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:

1. A mop of the type referred to having a mitten or glove shaped member, a pocket or a strip of cloth, elastic or tape affixed either to the inside, to the outside or to both of the mop to receive the hand of the person using it or a suitable holder when employed as a hand mop and with a tape, cord or the like around the outer edge of the foundation material by which it can be formed into a bag shaped mop and secured to the head of a brush, broom or the like.

2. A mop as in claim 1 in which the portion to receive the hand of user is formed by a strip of fabric folded upon itself to form a pocket and stitched along its edges to the foundation material.

3. A mop as in claim 1 in which the portion to receive the hand of the user is formed by a glove or mitten stitched along its edges to the foundation material.

4. A mop as in claim 1 in which the portion to receive the hand of the user is formed by being stitched at its ends to the foundation material, the ends being a sufficient distance apart to allow the whole of the hand of the user to be inserted between the loop and the foundation.

5. A mop as in claim 4 in which the material forming the loop is also stitched at intervals to the foundation to form individual loops for the fingers of the hand of the user.

6. A mop as in claim 4 in which the material forming the loop is also stitched to the foundation near one end to form separate loops for the hand and thumb of

above the material forming the main loop to receive some or all of the fingers of the hand of the user.

8. A mop as in claim 1 in which the portion to receive the hand of the user having two separate loops formed by stitching two separate strips of material to the foundation material, one loop to receive the hand and the other the thumb of the user.

9. A mop as in claim 8 in which the loop for the hand is longer than that for the thumb.

10. A combined brush and hand mop constructed and arranged substantially as described with reference to Figs. 1 to 7, Figs. 8 and 9, Figs. 10 and 11, Figs. 12 and 13, Figs. 14 and 15, Figs. 16 and 17, and Figs. 18 and 19 of the accompanying drawings. DC

Dated this 30th day of November, 1937.

J. OWDEN O'BRIEN & SON,  
Late W. P. Thompson & Co.,  
of Manchester,  
Patent Agents.

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John H. Smith

481,824 COMPLETE SPECIFICATION

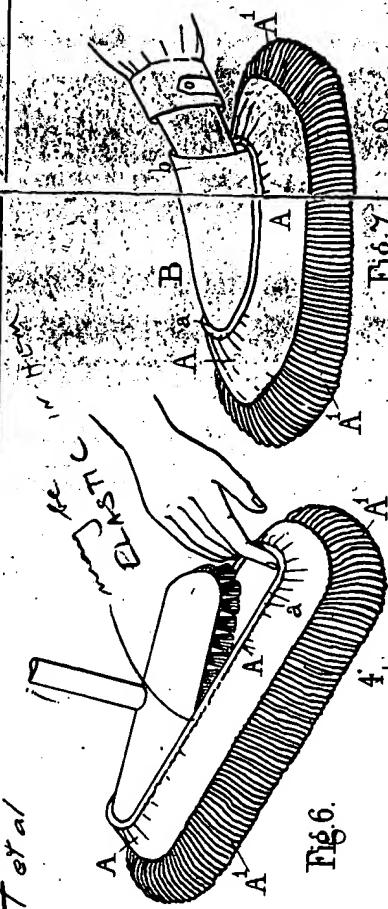


Fig. 6.

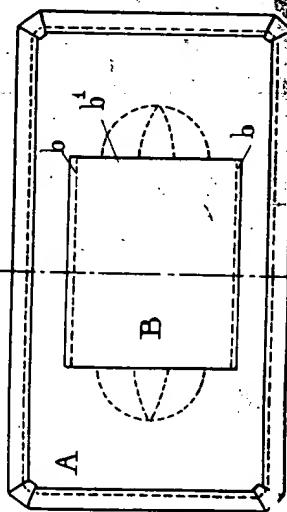
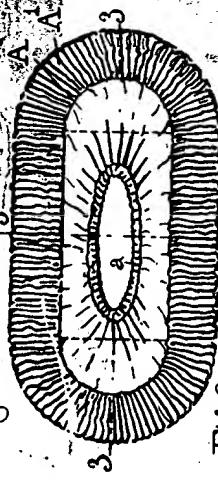
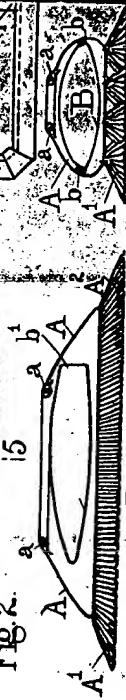


Fig. 1.



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Fig. 13.



Fig. 15.

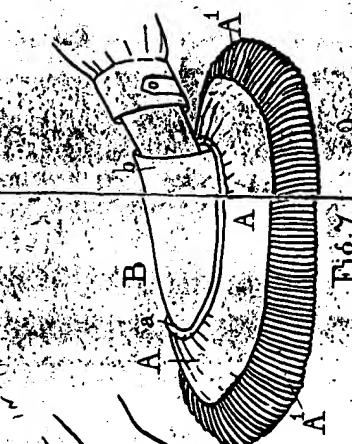
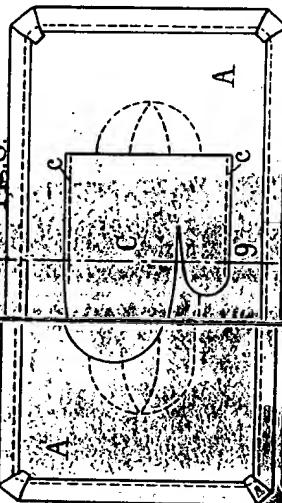


Fig. 7



The figure consists of a large rectangular frame labeled 'A' at the top. Inside this frame is a smaller rectangle labeled 'B' at its center. Within rectangle 'B' is another smaller rectangle labeled 'C'. The corners of the outer frame 'A' are rounded and decorated with small circles. A small circle is also located at the bottom center of the inner rectangle 'B'. The entire drawing is enclosed in a dashed border. On the left side, the label 'Fig. 19' is written vertically, and on the right side, the label 'Fig. 18' is written vertically.



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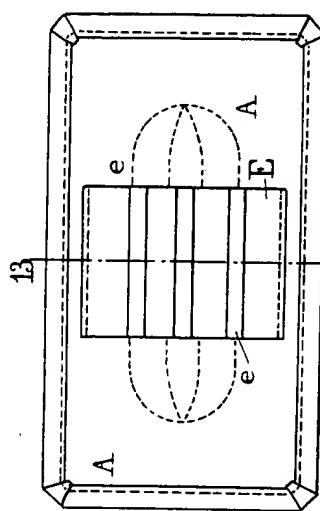


Fig. 12.

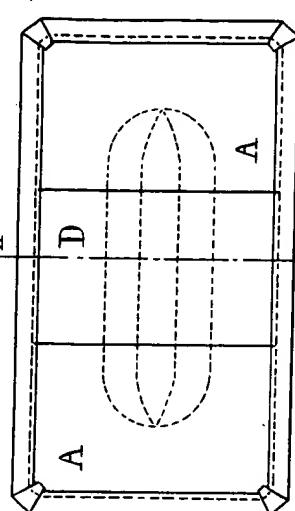
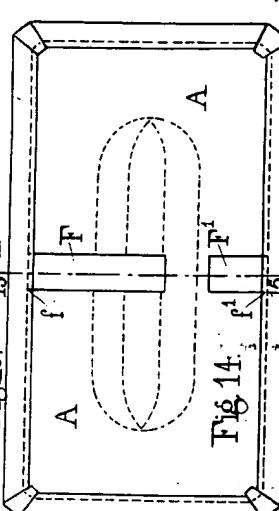


Fig. 10 16:11



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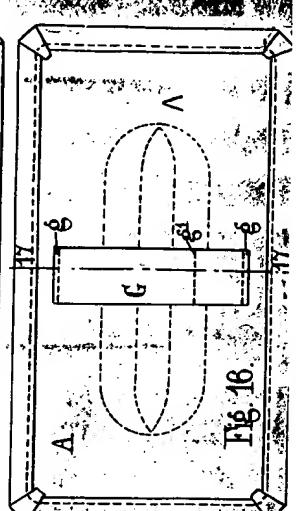


Fig. 16.